

**BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO**

**IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
COMMISSION OF THE STATE OF NEW  
MEXICO FOR THE PURPOSE OF  
CONSIDERING:**

**CASE NO. 1354  
Order No. R-1105**

**THE APPLICATION OF THE OIL  
CONSERVATION COMMISSION UPON  
ITS OWN MOTION FOR AN ORDER  
CREATING, EXTENDING, REDESIGNATING,  
AND ABOLISHING CERTAIN POOLS IN LEA,  
EDDY, AND ROOSEVELT COUNTIES, NEW  
MEXICO.**

**ORDER OF THE COMMISSION**

**BY THE COMMISSION:**

This cause came on for hearing at 9 o'clock a.m. on December 18, 1957, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 30<sup>th</sup> day of December, 1957, the Commission, a quorum being present, having considered the testimony presented and the exhibits received at said hearing, and being fully advised in the premises,

**FINDS:**

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That there is need for the creation of a new pool in Roosevelt County, New Mexico, for the production of oil from the Pennsylvanian formation, said pool to bear the designation North Allison-Pennsylvanian Pool. Said North Allison-Pennsylvanian Pool was discovered by the Atlantic Refining Company State AE Well No. 1, located in the NW/4 NW/4 of Section 36, Township 8 South, Range 36 East, NMPM. It was completed September 14, 1957. The top of the perforations is at 9,652 feet.

(3) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the McKee formation, said pool to bear the designation Justis-McKee Pool. Said Justis-McKee Pool was discovered by Tidewater Oil Company A. B. Coats "C" Well No. 8, located in the NW/4 NE/4 of Section 24, Township 25 South, Range 37 East, NMPM. It was completed October 8, 1957. The top of the perforations is at 7,325 feet.

(4) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of gas from the Siluro-Devonian formation, said pool to bear the designation Shugart Siluro-Devonian Gas Pool. Said Shugart Siluro-Devonian Gas Pool was

-2-

Case No. 1354

Order No. R-1105

discovered by Pan American Petroleum Corporation Greenwood Unit Well No. 1, located in the SE/4 SE/4 Section 27, Township 18 South, Range 31 East, NMPM. It was completed February 20, 1957. The top of the perforations is at 12,655 feet.

(5) That there is need for the redesignation of the vertical limits of the Vacuum Seven-Rivers Pool in order that the said vertical limits of said pool may be correctly defined. Further, that there is need for certain extensions to the redefined Vacuum Seven-Rivers Pool, the East Crossroads Devonian Pool, the East Echol Devonian Pool, the Gladiola Pool, the Penrose-Skelly Pool, the Bagley-Upper Pennsylvanian Gas Pool, and the Justis Gas Pool, all in Lea County, New Mexico, and to the Cave Pool, the Grayburg-Jackson Pool, and the North Shugart Pool, all in Eddy County, New Mexico. Further, that inasmuch as the horizontal limits of the Gladiola Pool are being extended to include that area within the horizontal limits of the North Gladiola-Devonian Pool and the vertical limits of said pools are identical, that the North Gladiola-Devonian Pool can be abolished.

IT IS THEREFORE ORDERED:

(a) That a new pool in Roosevelt County, New Mexico, classified as an oil pool for Pennsylvanian production, be and the same is hereby created and designated as the North Allison-Pennsylvanian Pool, consisting of the following described area:

TOWNSHIP 8 SOUTH, RANGE 36 EAST, NMPM  
Section 36: NW/4

(b) That a new pool in Lea County, New Mexico, classified as an oil pool for McKee production, be and the same is hereby created and designated as the Justis-McKee Pool, consisting of the following described area:

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM  
Section 24: NE/4

(c) That a new pool in Eddy County, New Mexico, classified as a gas pool for Siluro-Devonian production, be and the same is hereby created and designated as the Shugart Siluro-Devonian Gas Pool, consisting of the following described area:

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM  
Section 27: SE/4

(d) That the vertical limits of the Vacuum Seven-Rivers Pool in Lea County, New Mexico, be and the same are hereby redesignated as the Yates formation and the pool name changed to Vacuum-Yates Pool, consisting of the following described area:

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM  
Section 34: NW/4

(e) That the Vacuum-Yates Pool in Lea County, New Mexico, as hereinabove classified, defined, and described, be and the same is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM

Section 27: S/2

Section 33: E/2 NE/4

(f) That the Cave Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, be and the same is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM

Section 6: SE/4

(g) That the East Crossroads-Devonian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, be and the same is hereby extended to include therein:

TOWNSHIP 9 SOUTH, RANGE 37 EAST, NMPM

Section 19: S/2 S/2

Section 30: W/2 NE/4 & NW/4 SE/4

(h) That the East Echols Devonian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, be and the same is hereby extended to include therein:

TOWNSHIP 11 SOUTH, RANGE 38 EAST, NMPM

Section 9: S/2 SE/4

Section 16: NW/4

(i) That the North Gladiola-Devonian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, and consisting of the following described area

TOWNSHIP 11 SOUTH, RANGE 38 EAST, NMPM

Section 31: E/2

Section 32: W/2 and SE/4

TOWNSHIP 12 SOUTH, RANGE 38 EAST, NMPM

Section 5: All

Section 6: E/2 and SW/4

Section 7: N/2

Section 9: N/2 and N/2 SW/4

be and the same is hereby abolished.

(j) That the Gladiola Pool in Lea County, New Mexico, as heretofore classified, defined, and described, be and the same is hereby extended to include therein:

TOWNSHIP 11 SOUTH, RANGE 38 EAST, NMPM

Section 31: E/2

Section 32: W/2 and SE/4

TOWNSHIP 12 SOUTH, RANGE 38 EAST, NMPM

Section 5: All

Section 6: E/2 and SW/4

Section 7: All

Section 8: All

Section 18: NW/4

Section 30: N/2 NW/4

-4-

Case No. 1354  
Order No. R-1105

(k) That the Grayburg-Jackson Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, be and the same is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 31 EAST, NMPM  
Section 10: W/2 NW/4

(l) That the Penrose-Skelly Pool in Lea County, New Mexico, as heretofore classified, defined, and described, be and the same is hereby extended to include therein:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM  
Section 30: E/2 SW/4

(m) That the North Shugart Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, be and the same is hereby extended to include therein:

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM  
Section 10: S/2 NE/4

(n) That the Bagley-Upper Pennsylvanian Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, be and the same is hereby extended to include therein:

TOWNSHIP 12 SOUTH, RANGE 33 EAST, NMPM  
Section 10: NE/4

(o) That the Justis Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, be and the same is hereby extended to include therein:

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM  
Section 36: NW/4

IT IS FURTHER ORDERED:

That the effective date of this order and of all of the creations, extensions, redesignations, and abolitions included herein shall be January 1, 1958.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

  
EDWIN L. MECHEM, Chairman

  
MURRAY E. MORGAN, Member

  
A. L. PORTER, Jr., Member & Secretary



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